![Sathyabama Logo]

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

SIST/IQAC/ ACY/21-22/005

Minutes of the IQAC Meeting held on 02nd June 2021 at 10 AM

ACADEMIC YEAR 2021-2022

Agenda:

1. Discussion on Academic Council Minutes

2. Discussion on the End semester results and Graduation percentage of various programmes

3. Approval for the newly framed Course plan document

4. Plan for Curriculum revision meeting towards implementing NEP

   a. Courses focusing towards industrial needs

   b. Minor, Major, Dual, Joint and Twinning Degrees

   c. Teaching in regional languages

   d. Multidisciplinary /Interdisciplinary Curriculum

   e. Introduction of New Skilling Courses/Value Added Courses

   f. Feedback from Stakeholders on curriculum

5. Proposed budget for the academic year 2021–2022.

6. Assessment on the activities and projects run by the various Centers /Departments

7. Review on Projects/Patents/Publications

8. Call for Proposals for the Institutional Seed Fund

9. Organizing online workshops, FDPs, Short term Courses, Orientation Programs for Teaching and Non-teaching staffs

Minutes of the Meeting-1

1. The Chair Dr. T. Sasipraba welcomed the gathering and wished all a success for the academic year 2021-2022.

2. The meeting started with the review of the previous meeting. The action taken report were analyzed and ratified.

3. The Registrar Dr.S.S.Rao briefed the meeting with the points discussed during the Academic Council Meeting and requested the Dean Academics, Dr.B.Bharathi, to initiate the Curriculum Revision based on NEP 2020.

4. Dean Academics requested the Heads of the Department to inform the faculty members regarding the Course plan & Learning material for this semester to be duly approved by the department DAC and PAC members and submit on or before 20th June and the same has to be uploaded in the LMS before the commencement of class.

5. She also requested the department Heads to conduct the Board of Studies meeting on or before July 31, 2021 regarding the frame work on the curriculum revision towards meeting NEP 2020. In line to this, discussion was carried out amongst the Deans and Heads to figure out the steps required to be undertaken for implementing NEP in the Institution.

6. The Dean Academics also discussed on Major/Minor, Dual, Joint and Twinning Programmes. She insisted the department Heads to discuss with their faculty members and bring out the rough frame work in a week time.

7. The Controller of Examination Dr. Igni Sabasti Prabu thanked the faculty members for their support in Evaluation on which the result publication was done without any delay. He also insisted the Heads of various departments to submit the result analysis, course outcomes attainment, program outcomes attainment and program specific outcomes attainment to the Dean Academics on or before 31st July.

8. The Registrar requested the Heads to submit the budget proposal for the academic year 2021–2022.

9. The Chair announced that the Center for Professional and Career Advancement, which will enable the departments to undertake online certificate programmes and to upskill or reskill the workforce to meet industry need, is being recommended as a way to encourage online education.

10. She also insisted the Deans/Heads to conduct Certificate Programmes/Workshops/Faculty Development Programmes/Short-term courses for faculties and students utilizing the facilities available in the institution. It was also informed that the report of every activity conducted by the department has to be submitted to IQAC.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

11. The Pro Vice Chancellor Dr. E. Logashanmugam, informed the Heads to submit the department activity report to honor on teachers' day.

12. The Chair requested all the heads and deans to submit the proposals for the academic year 2021–2022's towards Seed Fund grant.

13. The meeting ended with the Vote of Thanks.
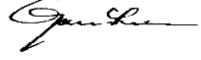
Dr. Anima Nanda

(Dean- IQAC)

Dr. T. Sasipraba

(Vice-Chancellor)

Members Present: IQAC Meeting held on 02.06.2021

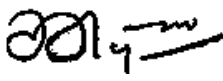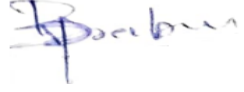| S. No.	Member Name	Designation	Signature
1	Dr. T. Sasipraba	Vice Chancellor	
2	Ms. Maria Bernadette Tamilarasi	Vice President	
3	Dr. S.S.Rao	Registrar	
4	Dr. T. Sasikala	Dean, School of Computing	
5	Dr. N.M.Nandhitha	Dean, School of Electrical & Electronics	
6	Dr. S.Prakash	Dean, School of Mechanical	
7	Dr. Dilshad Shaik	Dean, School of Law	
8	Dr. Shahul Hameed Faizee	Dean, School of Dental Sciences	
9	Dr. P.Chitra Devi	Associate Professor, Dept. of Management Studies	
10	Dr. Preethi Sheshadri	Associate Professor, Dept. of Management Studies	
11	Dr. Susitra	Associate Professor, Dept. of Electrical and Electronics Engineering	
12	Dr. S.S. Dawn	Professor, Dept. of Chemical Engineering	
13	Dr. M.S. Godwin Premi	Professor, Dept. of Electronics and Communication Engineering	
14	Dr. S.Murugan	Professor, Department of Computer Science and Engineering	
15	Dr. T.Thyagarajan	Former Dean, MIT, Chennai & Former Chairman, IEEE Madras Section	

16	Ms.P. Reshma	B.E- Computer Science and Engineering	
17	Mr. Prabhu	Executive Director, Precision Equipments, Chennai	
18	Mr. Ganesh Thirunavukarasu	Academic Relationship Manager, Tata Consultancy Services,	
19	Mr. Jagadeesan Visweshwaran	Country Manager, Higher Education, ARK Info Solutions.	
20	Dr. R. Rajaprabu	Director (Accreditation & Ranking), GITAM	
21	Dr. Anima Nanda	Dean, IQAC	

SIST/IQAC/ ACY/21-22/006

Minutes of the IQAC Meeting held on 24th August 2021 at 11 AM

ACADEMIC YEAR 2021-2022

Agenda:

1. Industry experts' involvement in the delivery of essential courses.

2. Analysis of result, learning modules and continuous assessment exam question paper and feedback

3. Preparation towards the 2022-23 review cycle of ABET Accreditation for 3 programmes- Computer Science and Engineering (CSE), Biotechnology and Electrical and Electronics Engineering (EEE) programmes

4. Participation in the NIRF, ARIIA, Times Higher Education and QS Rankings

5. Discussion on the list of short listed faculty members for Awards and Appreciation on Teachers Day

6. Establishment of Centre for Innovation and Technology Transfer

7. Suggestion to conduct faculty induction program on OBE and research seminars by various department for the benefit of newly inducted faculties

8. Discussion for the preparation of 30th Convocation

9. Data submission and verification for the submission of AQAR 2020-21

Minutes of the Meeting-2

1. The Chair Dr. T. Sasipraba, welcomed everyone and wished the members for good health as well as sympathy for the faculty members who lost their family members.

2. The meeting started with the review of the previous meeting. The action taken report were analyzed and ratified.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

3. The Dean Dr. B.Bharathi, informed the Deans and Heads to instruct the faculty members to organize a mandate guest lecture from industry expert for the courses they handle.

4. The Internal Exam Cell Dean Dr. Sivachidambaranathan, requested the Heads of the various departments to inform the faculty members to submit the question paper approved by the department DAC and PAC members on or before 29th August.

5. In order to participate in the NIRF, ARIIA, Times Higher Education , and QS Rankings and Ratings, the Chair, Dr. T. Sasipraba, informed the department Heads and Deans to submit the data to IQAC.

6. The Chair reviewed the ABET Readiness Review report submitted by the Heads of EEE, CSE and Biotechnology department and given suggestions to Dean Academics for prepare the concerned departments to face the forthcoming ABET visit.

7. Dr. E. Logashanmugam, the Pro Vice Chancellor, provided the list of faculty members to honor on Teachers Day for their contributions towards research in publishing high-impact journals. Additionally, the chair instructed the deans to encourage the department's faculty member to submit manuscripts to free journals for avoiding predatory journals.

8. The Chair instructed the department Heads to inform the faculty members to publish in articles only in UGC CARE listed journals as NAAC accepts the publication based on the same.

9. The Chair was delighted to inform the establishment of Centre for Innovation and Technology transfer. She requested the Heads to inform their department faculty members to utilize the facility available and come up with new ideas of innovation and file more design/product patents.

10. The Chair received suggestions from many departments to organize a faculty induction programme and research seminars for the benefit of newly appointed professors.

11. Director Research Dr. B.Sheela Rani, requested the Deans/Heads to conduct research seminar for the benefit of newly inducted faculty members and research scholars to get an idea of writing good research articles and proposals

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

12. In order to allow everyone to participate in research calls and project proposals, the Chair requested the Heads to disseminate information about these calls and proposals in their department's weekly seminar.

13. The Chair asked the Controller of Examination to provide the relevant information for the 30th Convocation report that is due to be prepared next month.

14. The Chair requested the Heads of the Departments to circulate regarding the YUKTHI, the innovation depository portal of Ministry of Education among the faculty and Students.

15. In order to enhance the startup eco system in the Institution, Chair requested the departments to identify the innovative ideas/prototypes /products from the faculty and students so that the potential innovations can be converted to startups after conducting necessary mentoring sessions.

16. The Chair's vote of gratitude brought the meeting to a close.
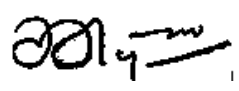
Dr. Anima Nanda
(Dean- IQAC)
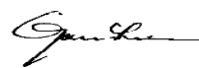
Dr. T. Sasipraba
(Vice-Chancellor)

Members Present: IQAC Meeting held on 24.08.2021

S. No.	Member Name	Designation	Signature
1	Dr. T. Sasipraba	Vice Chancellor	
2	Ms. Maria Bernadette Tamilarasi	Vice President	
3	Dr. S.S.Rao	Registrar	
4	Dr. T. Sasikala	Dean, School of Computing	
5	Dr. N.M.Nandhitha	Dean, School of Electrical & Electronics	
6	Dr. S.Prakash	Dean, School of Mechanical	
7	Dr. Dilshad Shaik	Dean, School of Law	
8	Dr. Shahul Hameed Faizee	Dean, School of Dental Sciences	
9	Dr. P.Chitra Devi	Associate Professor, Dept. of Management Studies	
10	Dr. Preethi Sheshadri	Associate Professor, Dept. of Management Studies	
11	Dr. Susitra	Associate Professor, Dept. of Electrical and Electronics Engineering	
12	Dr. S.S. Dawn	Professor, Dept. of Chemical Engineering	
13	Dr. M.S. Godwin Premi	Professor, Dept. of Electronics and Communication Engineering	
14	Dr. S.Murugan	Professor, Department of Computer Science and Engineering	
15	Dr. T.Thyagarajan	Former Dean, MIT, Chennai & Former Chairman, IEEE Madras Section	

16	Ms.P. Reshma	B.E- Computer Science and Engineering	
17	Mr. Prabhu	Executive Director, Precision Equipments, Chennai	
18	Mr. Ganesh Thirunavukarasu	Academic Relationship Manager, Tata Consultancy Services,	
19	Mr. Jagadeesan Visweshwaran	Country Manager, Higher Education, ARK Info Solutions.	
20	Dr. R. Rajaprabu	Director (Accreditation & Ranking), GITAM	
21	Dr. Anima Nanda	Dean, IQAC	

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

SIST/IQAC/ ACY/21-22/007

Minutes of the IQAC Meeting held on 22nd December 2021 at 10.30 AM

ACADEMIC YEAR 2021-2022

Agenda:

1. **Analysis of previous meeting and Action taken**
2. **Full-fledged physical mode of class**
3. **Discussion on Workload for the even semester**
4. **Continuous Assessment Exam analysis and End Semester Exam Preparation**
5. **Review on the Curriculum Revision**
6. **Discussion on Placement training and on campus recruitment**
7. **Discussion on Library footfalls and preparation of Newsletter and Magazines**
8. **Data submission for QS and THE World Rankings**
9. **Discussion for Data verification for the submission of AQAR 2020-21**
10. **Discussion on NAAC Cycle 3 Accreditation and collection of five years' data for SSR Preparation**
11. **Updation of the website with departmental activities**
12. **Suggestion for Membership in Professional Bodies and other recognized bodies.**

Minutes of the Meeting-3

1. The Chair, Dr. T. Sasipraba, welcomed the gathering. The meeting started with the evaluation of the previous meeting. The action taken report were analyzed and ratified.

2. The Registrar Dr. S.S.Rao informed the department Heads schedule the timetable for physical classes based on the guidelines from the Government and submit the same on or before 7th January, 2022. He also instructed the heads to prepare the workload accordingly and submit to Dean Academics.

3. In connection to the first meeting scheduled on June, the Dean Academics Dr. B.Bharathi listed out the possibilities of implementing NEP based on the Board of Studies meeting from various departments.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in
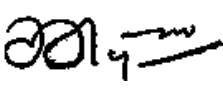
4. The Chair asked the Pro Vice Chancellor to check with faculty recruitment based on the workload indicated by the Heads.

5. As the exam for First year & Second year students are scheduled offline, the Controller requested the department heads to support in invigilation and evaluation.

6. The Placement Dean Dr. E.John Bruce was gratified to express that online placement recruitment for the academic year 2021–2022 had begun for the final-year students. He thanked the recruiters for helping us during this pandemic.

7. The Chair further asked the Heads to update the data in accordance with the new NAAC SOP by contacting IQAC and verifying the AQAR 2020–21 data. The heads of the departments were asked to submit the essential information for the QS and THE World rankings.

8. The Chair focused on updating the website with various departmental operations while also emphasizing the NAAC Re-assessment and collecting of five years' worth of data for SSR preparation.

9. The Chair informed about the Institution's membership in Professional Bodies and other recognized bodies and asked the Deans and Heads to direct the newly inducted engineering faculty to enroll in the courses offered by Ministry of education, Govt. of India.

10. The Chair requested the Deans and Heads to encourage the faculty to apply for the Awards constituted by AICTE or other national/international organizations of repute .

11. After a vote of gratitude, the chair adjourned the meeting and instructed the deans and heads to take the required actions to address the aforementioned points.

Dr. Anima Nanda
(Dean- IQAC)

Dr. T. Sasipraba
(Vice-Chancellor)

Members Present: IQAC Meeting held on 22.12.2021

S. No.	Member Name	Designation	Signature
1	Dr. T. Sasipraba	Vice Chancellor	
2	Ms. Maria Bernadette Tamilarasi	Vice President	
3	Dr. S.S.Rao	Registrar	
4	Dr. T. Sasikala	Dean, School of Computing	
5	Dr. N.M.Nandhitha	Dean, School of Electrical & Electronics	
6	Dr. S.Prakash	Dean, School of Mechanical	
7	Dr. Dilshad Shaik	Dean, School of Law	
8	Dr. Shahul Hameed Faizee	Dean, School of Dental Sciences	
9	Dr. P.Chitra Devi	Associate Professor, Dept. of Management Studies	
10	Dr. Preethi Sheshadri	Associate Professor, Dept. of Management Studies	
11	Dr. Susitra	Associate Professor, Dept. of Electrical and Electronics Engineering	
12	Dr. S.S. Dawn	Professor, Dept. of Chemical Engineering	
13	Dr. M.S. Godwin Premi	Professor, Dept. of Electronics and Communication Engineering	
14	Dr. S.Murugan	Professor, Department of Computer Science and Engineering	
15	Dr. T.Thyagarajan	Former Dean, MIT, Chennai & Former Chairman, IEEE Madras Section	

16	Ms.P. Reshma	B.E- Computer Science and Engineering	
17	Mr. Prabhu	Executive Director, Precision Equipments, Chennai	
18	Mr. Ganesh Thirunavukarasu	Academic Relationship Manager, Tata Consultancy Services,	
19	Mr. Jagadeesan Visweshwaran	Country Manager, Higher Education, ARK Info Solutions.	
20	Dr. R. Rajaprabu	Director (Accreditation & Ranking), GITAM	
21	Dr. Anima Nanda	Dean, IQAC	

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

SIST/IQAC/ACY/21-22/008

Agenda & Minutes of the IQAC Meeting held on 24thMay 2022 at 11.00 AM

ACADEMIC YEAR 2021-2022

Agenda

1. **Revision of Vision and Mission statements**

2. **Curriculum/Syllabus Revision**

3. **Implementation of Fully Flexible Credit System**

4. **Initiatives towards New programmes**

5. **Step by step Implementation of NEP**

6. **Quality Initiatives in Teaching and Learning process**

7. **Improving the consultancy activities**

8. **Providing Start-up ecosystem for the faculty and students**

9. **Devising the mechanism to improve the faculty and student Awards**

10. **Introduction of Major, Minor, Honours degree, Twinning programme , Joint and Dual degree programme**

11. **Involvement of Industry experts in Teaching and learning process**

12. **Performance appraisal system - SScore v2**

Minutes of the meeting-4

1. The Chair Dr. T. Sasipraba welcomed the External Experts and Members of IQAC for the 4th IQAC meeting for the academic year 2021-2022.

2. The meeting started with the review of the previous meeting. The action taken report were analysed and ratified.

3. The Chair projected the significant achievement, strengths, weakness, rankings & accreditations, opportunities and challenges of the institution.

4. The IQAC Coordinator presented the agenda of the meeting.

![Sathyabama Institute of Science and Technology logo]

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

5. The proposed new vision and mission statements pointed in Agenda 1 is quoted below:

Vision

- To be a leading, multi-disciplinary University producing world class talents
- To become a bench-mark institution that empowers academic and research community address the global challenges.
- To become a benchmark institution producing world class talents inbuilt with environmental and social consciousness.
- To be a leading, multi-disciplinary University producing world class talents inbuilt with environmental and social consciousness.
- To be a world class University facilitating the learning community translate their knowledge for enhancing the economic and environmental standards of the society.
- To be a host for knowledge sharing and sustain as a multidisciplinary University addressing the demands of the industry, environment, and society.
- To be a world class University facilitating an inclusive environment, pioneering in multidisciplinary education meeting industry demands and sustainable development goals.
- To be a world class, knowledge empowering University connecting academia, research, industry and environment for the futuristic developments of the society

Mission

- To exhibit excellence in education and research in Engineering, Science, Technology, Medicine, Management and Humanities.
- To attain excellence in education and research through effective collaboration with industries and other international/national organisations
- To consistently remain an attractive ecosystem for students and employees, a hub of innovation for researchers and an incubating platform for entrepreneurs
- To create an inclusive environment that caters to all forms of diversity
- To engage in outreach and community development activities, creating an impact on the society
- To become an attractive destination for students, researchers and employees by promoting an environment that facilitates creativity, innovation and entrepreneurship.

- To create an inclusive environment that respects all forms of diversities,

- To engage in societal outreach and community development activities, creating an impact in the society.

- To attain excellence in education and research through effective collaboration with industries and other international/national organisations

- To consistently remain an attractive ecosystem for students and employees, a hub of innovation for researchers and an incubating platform for entrepreneurs

- To create an inclusive environment that caters to all forms of diversity

- To engage in outreach and community development activities, creating an impact on the society

- To build strong collaboration with national and international partners
- To nurture future leaders with universal human values and integrity.

The following suggestions were given by the experts

i. Dr. T.Thyagarajan advised to frame crisp statements on vision which includes key words like quality education, environment, internationalization, inclusiveness from SDG, NEP and highlighting the strengths, credentials and accomplishment of the institute.

ii. Dr. R. Rajaprabhu suggested including keywords from SDG and socio-economic development.

iii. Mr. Visweswaran recommended including global grand challenges of 21st Century in the statement.

iv. The expert members acclaimed framing the mission statement in line with the vision statement.

v. Integration of SDG in Academic Curriculum

6. Quoting out Agenda 2 & 3, the Chair requested the Registrar, Controller and Head of the departments to put forward the requirements for curriculum revision. The Controller of examinations explained the

structure of current curriculum and the heads explained the CBCS followed in the institution to the expert members. The suggestions by the expert members are given below:

i.   To recommend a dynamic curriculum that includes a mandatory core, electives, open electives, and supplementary electives.

ii.   The necessity for FFCS were discussed and suggested for its implementation in a step-by-step manner with flexibility in course, course teacher, course slot and difficulty level.

iii. Efficient ERP/LMS for the effective implementation of FFCS will help

iv.   Mr. Ajay Kumar suggested having a mandate faculty advisor for analyzing the students' performance on achieving the course with the stipulated time.

v.   It was suggested that as an extension of FFCS, Credit based fee's structure can be implemented in future.

7. The members suggested the following with regard to the initiation of new programmes highlighted in Agenda 4:

   a. New Programmes should cater to the local/state/ regional/ national/international needs

   b. Conduct a questionnaire survey to identify the stakeholders' requirements

   c. Adhere to the nomenclature and guidelines given by regulatory authorities

   d. Identify the faculty's expertise and infrastructure available with the Institution and potential employers and Government Agencies.

   e. As the institution has got approval to start new programme in emerging technology, plan a structured orientation program to equip the faculty to handle new course/program.

8. The Chair raised clarity quoted in Agenda 5& 6 about offering integrated programmes & teaching learning process. Discussions were made on

   a. Introduction of

       • Honors Degree

       • Minors degree- with minimum of 20 credits in any discipline with flexibility to earn 40% of the 20 credits through online mode

       • Dual Degree Programmes /Twinning Programmes and

- Integrated Degree Programmes

The following suggestions were given by the expert members:

i. Recommendation to award honors in the degree certificate if the CGPA scored by the student is more than 8.0 in the first attempt

ii. Dr. T. Thyagarajan advised to explore multiple entry/multiple exit degree system by addressing the challenges in making the curriculum complete in 1/2/3 and 4th year to facilitate the multiple entry/multiple exit system. He also advised to consider the possibility of introducing PG with 1 year.

iii. Introduce research Internships at undergraduate level in thrust areas of national importance. He asked to formulate a structured policy for continuous professional development preparing towards pedagogy/R&D/Industry Internship to the faculty.

iv. Dr. Thyagarajan also advised to focus on Research in the areas like Healthcare, Agriculture, Clean water, Energy and Environment

v. Recommended to emphasize on faculty development and suggested the introduction of course on education/pedagogy to train faculty on teaching pedagogy and establish Centers to develop faculty similar to Academic Staff College. He also suggested to send faculty members to Industry and R&D Agencies for a period of 4-6 weeks for continuous professional development.

vi. Create a conducive learning environment for students may be created in the structured manner, offer programme in local languages, disabled friendliness and socio-economic courses and engage in social activities.

vii. Explore one programme in Local Language.

viii. Dr. R.Rajaprabhu highlighted to introduce the Indian knowledge system and curriculum.

ix. To implement this process in a step-by-step manner.

x. The expert members suggested to introduce field trip and interactive simulation software's for every course along with project-based and experiential-learning learning. Expert members appreciated the Alumni contribution in various activities and also suggested to involve them for mentoring activities

9. To strengthen the consultancy service highlighted in Agenda 7 the IQAC coordinator asked inputs from the experts and the following suggestions were summarized:

![Sathyabama Institute of Science and Technology logo]

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

a. Mr.Visweswaran suggested to introduce a mandate faculty industry internship to upgrade and upskill industrial based learning.

b. Dr. R.Rajaprabhu suggested the departments to liaison with industries for more collaborative activities.

c. Dr. T.Thyagarajan advised to prepare a compendium of major equipment's / expertise in departments/centers and make available in university website and Mr. Visweswaran suggested collaborating with EduTech companies for attracting consultancy activities towards content writing in the specific domain.

d. Introduce field trips and interactive simulation software's for every course along with project-based and experiential learning.

e. Alumni contribution is highly appreciated in various activities, suggested to involve them for mentoring activities.

f. Experiential learning, project-based learning, flipped classroom, OBE should be practiced meticulously

g. Effective use of LMS and assessment tools of LMS.

h. Regular conduct of Academic Audit.

i. Involvement of Industry experts in Teaching by scheduling classes in the weekend as value added classes.

10. The Chair requested the members for inputs in promoting the granted patents to the next level of commercialization. The suggestions are listed below:

   i. Mr.Jagadeesan Visweswaran recommended to convert institute innovation council as Section 8 registered company with an experienced industry person as CEO. Courses may be introduced in innovation and startups. Mr. Ajay Kumar suggested to identify the objectives, deliverables, profit and target before commercializing product patent. The other experts recommended to establish the facilities like Maker's lab, FAB lab, Idea Lab etc.

   ii. To increase the involvement of industry expert, one credit course/value added course may be introduced for content delivery from industry experts with a minimum of 15 hours. More industry

experts may be invited as project examiners, BoS members, governing body members. To attract Research fellowship, executive development program may be conducted at their premises, joint conferences, publications, patents, Research supervisors and MoUs may be increased for establishing the industry connect.
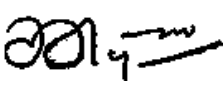
iii.   Mr.Visweswaran also pointed out the few initiatives of other institutions like FORG, Industry Hub at the institution level.

iv.   Mr Ajay pointed out that it would be difficult to get patent rights for products instead he suggested to go for solution-based products for which patenting would be relatively easier.

v.   A policy for startup in line with the state and central government policy to be created.

11.   The expert members appreciated the practice of faculty review mechanism, Sathyabama Score (S Score) and suggested for adequate weightage must be provided for administrative role.

12.   After a vote of gratitude, the chair adjourned the meeting.
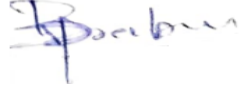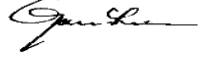
Dr. Anima Nanda

(Dean- IQAC)

Dr. T. Sasipraba

(Vice-Chancellor)

Members Present: IQAC Meeting held on 24.05.2022

S. No.	Member Name	Designation	Signature
1	Dr. T. Sasipraba	Vice Chancellor	
2	Ms. Maria Bernadette Tamilarasi	Vice President	
3	Dr. S.S.Rao	Registrar	
4	Dr. T. Sasikala	Dean, School of Computing	
5	Dr. N.M.Nandhitha	Dean, School of Electrical & Electronics	
6	Dr. S.Prakash	Dean, School of Mechanical	
7	Dr. Dilshad Shaik	Dean, School of Law	
8	Dr. Shahul Hameed Faizee	Dean, School of Dental Sciences	
9	Dr. P.Chitra Devi	Associate Professor, Dept. of Management Studies	
10	Dr. Preethi Sheshadri	Associate Professor, Dept. of Management Studies	
11	Dr. Susitra	Associate Professor, Dept. of Electrical and Electronics Engineering	
12	Dr. S.S. Dawn	Professor, Dept. of Chemical Engineering	
13	Dr. M.S. Godwin Premi	Professor, Dept. of Electronics and Communication Engineering	
14	Dr. S.Murugan	Professor, Department of Computer Science and Engineering	
15	Dr. T.Thyagarajan	Former Dean, MIT, Chennai & Former Chairman, IEEE Madras Section	

16	Ms.P. Reshma	B.E- Computer Science and Engineering	
17	Mr. Prabhu	Executive Director, Precision Equipments, Chennai	
18	Mr. Ganesh Thirunavukarasu	Academic Relationship Manager, Tata Consultancy Services,	
19	Mr. Jagadeesan Visweshwaran	Country Manager, Higher Education, ARK Info Solutions, Bengaluru	
20	Dr. R. Rajaprabu	Director (Accreditation & Ranking), GITAM	
21	Dr. Anima Nanda	Dean, IQAC	

Action Taken Report of 2021-22

Rankings and Ratings of Sathyabama Institute of Science and Technology

Rankings at National & International level

Sathyabama Institute of Science and Technology is consistently ranked among the top 50 Universities in India. It has been ranked in 43rd position among the Universities in India by **National Institutional Ranking Framework (NIRF),** Government of India for the year 2022. Sathyabama is ranked in1001-1200 position by **QS World University Rankings**, 2023 and it is one of the 41 Institutions in India ranked by QS. According to **QS Asia University Rankings**, 2022, Sathyabama is ranked in 301-350 rank. Assessing the performance of Sathyabama in the core criteria like Teaching, Research, Internationalization and employability, **QS Stars has awarded Five Star ratings** for the Institution in the year 2022. The Institution is ranked in 1201+ position by **Times Higher Education World University Rankings 2022** and with respect to **Times Higher Education Asia University Rankings, 2022** it is ranked in 501+ position. The Institution is placed in 401+ rank in the world by Times Higher Education Young University Rankings, 2022 and ranked 501+ in the world by Times Higher Education Emerging Economies University Rankings, 2022. It is ranked in 401+ category in the Times Higher Education Subject Ranking for Engineering and Technology

Recognizing the contribution of Sathyabama towards Sustainable Development Goals of United Nation's Agenda 2030, Times Higher Education has ranked Sathyabama in good positions in the **Times Higher Education Impact Rankings, 2022**. It has been placed in 401-600 rank under Sustainable Development Goal 01 (No poverty), in 801-1000 rank under Sustainable Development Goal 03 (Good Health and Well Being), in 401-600 rank under Sustainable Development Goal 10 (Reduced Inequalities), in 201-300 rank under Sustainable Development Goal 13 (Climate Actions), in 87th Position under Sustainable Development Goal 14 (Life Below Water), in 101-200 rank under Sustainable Development Goal 15 (Life on Land), in 401-600 rank under Sustainable Development Goal 17 (Partnership for Goals) by Times Higher Education Impact Rankings, 2022. With regard to the **Overall Times Higher Education Impact Rankings, 2022, Sathyabama is ranked in the 601-800 band.**

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

The following are the Accolades/Rankings at National level

NATIONAL INSTITUTIONAL RANKING FRAMEWORK	Ranked in 43rd position among the Universities in India by National Institutional Ranking Framework
NATIONAL BOARD OF ACCREDITATION	11 Programmes are accredited by National Board of Accreditation
Outlook THE FULLY LOADED MAGAZINE	Ranked No. 11 among the Top 100 Private Engineering Colleges in India by Outlook ICARE Rankings 2022
EducationWorld THE HUMAN DEVELOPMENT MAGAZINE	Ranked in 12th position among the Top Private Universities in India by Education World, 2022
TIMES ENGINEERING	Ranked in 6th position among the overall Top Engineering Institutions in India and ranked in 3rd place among the Top Private Engineering Institutions according to i3RC Times Top Engineering Institute Rankings 2022

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

	Categorized as AAAA+ Grade Institution according to Careers 360 top Engineering Colleges Survey, 2022
	Ranked in 46th place among India's Best Engineering Colleges for the year 2022 by India Today Architecture Programme is ranked in the 16th place among the Colleges in India offering Architecture for the year 2022 by India Today

The following are the International Rankings and Ratings of our Institution

	Awarded with Five Star Ratings for Overall Performance by QS Stars Rating System Awarded with Five Star Ratings for Teaching, Employability, Internationalization, Academic Development, Facilities, Inclusiveness, Social Responsibility and Environmental Impact by QS Stars Rating System

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

QS WORLD UNIVERSITY RANKINGS	Ranked in 1001-1200 Band in the QS World University Rankings 2023
QS ASIAN UNIVERSITY RANKINGS ™	Ranked in 301-350 Band in the QS Asia University Rankings 2023
THE WORLD UNIVERSITY RANKINGS	Ranked in 1201-1500 position by Times Higher Education World University Rankings 2023
THE WORLD UNIVERSITY RANKINGS ASIA	Ranked in 501+ position in Times Higher Education Asia University Rankings, 2022

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

THE IMPACT RANKINGS 2022	Ranked in 601-800 band in Overall Times Higher Education Impact Rankings, 2022,
	Ranked in 401-600 position under SDG 01 (No poverty)
	Ranked in 801-1000 position under SDG 03 (Good Health and Well Being)
	Ranked in 401-600 position under SDG 10 (Reduced Inequalities)
	Ranked in 201-300 position under SDG 13 (Climate Action)
	Ranked in 87th Position under SDG 14 (Life Below Water)
	Ranked in 101-200 Position under SDG 15 (Life on Land)
	Ranked in 401-600 Position under 17 (Partnership for Goals)

![Sathyabama Institute of Science and Technology logo]

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE
www.sathyabama.ac.in

Sathyabama Centre for Advanced Studies, a state-of-the-art facility established with Advanced facilities that ensembles the conjunction of academic and research expertise. The Centre houses Artificial Intelligence Laboratory with Supercomputing facilities, DARE (Drone and Robotics Experimentarium) Lab consisting of Robotics Workstations, Swarm drones, Quadruped Robot, Humanoid Robot and autonomous rovers, Metaverse Studio, Advanced Characterization facility with HRSTEM, FESEM and XRD , Media Centre and Centre for Innovation and Technology Transfer.

Centre for Innovation and Technology Transfer

The Centre for Innovation and Technology Transfer aims to be a leading private deep-tech start up hub. The Centre will support students, scientists, faculty, alumni members and external entrepreneurs in creating successful deep tech start-ups, and translating benefits to the society. The Centre nurtures technology ventures by providing technological and business support to help entrepreneurs establish business ventures. In addition to this, the centre supports the University's scientists and faculty in product development, industry connect and commercialization.

Makerspace

Makerspace is a state of art additive manufacturing facility established to foster innovations in young engineers, facilitate research and support additive manufacturing in industries. This unique facility is distinguished as a "Centre of Excellence for Additive Manufacturing" by Sratasys,India. Makerspace includes labs for material synthesis & testing, prototype designing and tissue engineering.

The following accomplishments were made in the year 2021-22

- The ABET, international accreditation for B.E-CSE, BE- EEE and B.Tech-Biotech for 2022-23 review cycle is initiated .
- Sathyabama Institute of Science and Technology is participating in e-VBAB (e-Vidhya Bharathi and e-Arockia Bharathi) Programme, an initiative of the Ministry of External Affairs for offering online programmes for students from African countries and is fully supported by Govt of India.
- Sathyabama is offering 5 Online Programmes for MBA, M.A (English), B.Com, M.Sc (Mathematics) and BBA.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

- The New Education Policy facilitates the institution to offer multi-disciplinary academic programmes focusing on the recent advances on Additive manufacturing, Industry 4.0, Smart Manufacturing, Cloud Computing and Artificial Intelligence, Cyber physical systems with integrated approach.

- 59 Newly sponsored research Projects including STI Hubs and Agri Innovation Hubs worth 15 Crores were sanctioned by various Agencies in the academic year 2021-2022.

- An Innospace Fab Lab which serves as a One Stop Place for all Idea to Prototyping needs for Students and Startups has been established at Sathyabama Technology Business Incubator.

- The Center for Ocean Research has been identified by the Ministry of Earth Sciences to establish the Ocean Field Research Facility.

- Biogas plant which can process 1 Tonne of food waste has been commissioned.

- Awareness programme on Entrepreneurship, Innovation and Startups were organized for the students, faculties and research scholars to promote start up culture in the Institution.

- Sathyabama Technology Business Incubator which was established with the support of DST – NSTEDB has been recognized as one among the Top 12 incubators by Startup TN, Government of Tamil Nadu in 2021

- Sathyabama has full-access to the Derwent Innovation Patent Search Engine which allows AI-powered analytics and supports the faculty and students to make faster and confidence decisions on their originality of intellectual properties

- 463 companies visited our campus last academic year and 94.26 % students have secured Job offers through our Campus Recruitment Program with an average package of Rs. 4.75 lakhs per annum. The highest package for 2021-2022 is 31 lakhs per annum.

- 833 students enrolled for higher studies in foreign Universities for the year 2021- 2022.

- 22 students doing their Masters in Dental Surgery have received TATA Scholarship worth rupees 51.5 Lakhs.

- 4 students have received Pragati Scholarship worth rupees 2 lakhs

- The Centre for skill development has conducted 30 programmes on various fields and nearly 2000 students were benefitted from the skill development programmes.

- Our Institution in collaboration with Anbu Foundation provided 100% Scholarship for 430 meritorious students coming from economically weaker section of the society.

- The total No. of Publications for the year 2021-22 is 2200 with a highest impact factor of 13.4

Dr. Anima Nanda
(Dean- IQAC)

Dr. T. Sasipraba
(Vice-Chancellor)